



### MP20046DN-J-LF

Part Number: **MP20046DN-J-LF**  
 Product Description: IC REG LINEAR 2.5V 2A 8SOIC  
 RoHs Status: Lead free / RoHS Compliant  
 Datasheets:

Manufacturer/Brand: MPS (Monolithic Power Systems)  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

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#### Product details

<b>Part Number</b>	MP20046DN-J-LF	<b>Manufacturer</b>	MPS (Monolithic Power Systems)
<b>Description</b>	IC REG LINEAR 2.5V 2A 8SOIC	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Data sheet</b>			
<b>Voltage Dropout (Max)</b>	0.42V @ 2A	<b>Voltage - Output (Min/Fixed)</b>	2.5V
<b>Voltage - Output (Max)</b>	-	<b>Voltage - Input (Max)</b>	5.5V
<b>Supplier Device Package</b>	8-SOIC-EP	<b>Series</b>	-
<b>Protection Features</b>	Over Current, Over Temperature	<b>Packaging</b>	Tube
<b>Package / Case</b>	8-SOIC (0.154", 3.90mm Width) Exposed Pad	<b>PSRR</b>	70dB (100Hz)
<b>Output Type</b>	Fixed	<b>Output Configuration</b>	Positive
<b>Operating Temperature</b>	-40°C ~ 125°C	<b>Number of Regulators</b>	1
<b>Mounting Type</b>	Surface Mount	<b>Moisture Sensitivity Level (MSL)</b>	2 (1 Year)
<b>Manufacturer Standard Lead Time</b>	18 Weeks	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Detailed Description</b>	Linear Voltage Regulator IC Positive Fixed 1 Output 2.5V 2A 8-SOIC-EP	<b>Current - Quiescent (Iq)</b>	300µA
<b>Current - Output</b>	2A	<b>Control Features</b>	Enable, Power Good

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<p><b>MP20046DQ-G-LF-Z</b>                  Manufacturers: MPS (Monolithic Power Systems)                  Description: IC REG LINEAR 1.8V 2A 10QFN</p> <p><a href="#">RFQ</a></p>	<p><b>MP20046DN-F-LF</b>                  Manufacturers: MPS (Monolithic Power Systems)                  Description: IC REG LINEAR 1.5V 2A 8SOIC</p> <p><a href="#">RFQ</a></p>
<p><b>MP20046DN-F-LF-Z</b>                  Manufacturers: MPS (Monolithic Power Systems)                  Description: IC REG LINEAR 1.5V 2A 8SOIC</p> <p><a href="#">RFQ</a></p>	<p><b>MP20046DN-S-LF-Z</b>                  Manufacturers: MPS (Monolithic Power Systems)                  Description: IC REG LINEAR 3.3V 2A 8SOIC</p> <p><a href="#">RFQ</a></p>
<p><b>MP20046DQ-G-LF-P</b>                  Manufacturers: MPS (Monolithic Power Systems)                  Description: IC REG LINEAR 1.8V 2A 10QFN</p> <p><a href="#">RFQ</a></p>	<p><b>MP20045DQ-33-LF-P</b>                  Manufacturers: MPS (Monolithic Power Systems)                  Description: IC REG LINEAR 3.3V 1A 8QFN</p> <p><a href="#">RFQ</a></p>
<p><b>MP20045DQ-LF-Z</b>                  Manufacturers: MPS (Monolithic Power Systems)                  Description: IC REG LINEAR POS ADJ 1A 8QFN</p> <p><a href="#">RFQ</a></p>	<p><b>MP20045DQ-33-LF-Z</b>                  Manufacturers: MPS (Monolithic Power Systems)                  Description: IC REG LINEAR 3.3V 1A 8QFN</p> <p><a href="#">RFQ</a></p>
<p><b>MP20046DN-J-LF-Z</b>                  Manufacturers: MPS (Monolithic Power Systems)                  Description: IC REG LINEAR 2.5V 2A 8SOIC</p> <p><a href="#">RFQ</a></p>	<p><b>MP20046DQ-S-LF-P</b>                  Manufacturers: MPS (Monolithic Power Systems)                  Description: IC REG LINEAR 3.3V 2A 10QFN</p> <p><a href="#">RFQ</a></p>
<p><b>MP20046DN-S-LF</b>                  Manufacturers: MPS (Monolithic Power Systems)                  Description: IC REG LINEAR 3.3V 2A 8SOIC</p> <p><a href="#">RFQ</a></p>	<p><b>MP20045DQ-LF-P</b>                  Manufacturers: MPS (Monolithic Power Systems)                  Description: IC REG LINEAR POS ADJ 1A 8QFN</p> <p><a href="#">RFQ</a></p>

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